

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1-13 (canceled)

14 (new): A eukaryotic cell comprising heterologous DNA coding for a cargo receptor that is characterized by an alteration of its carbohydrate recognition domain, such that said cell expresses a glycoprotein with a modified carbohydrate moiety.

15 (new): A eukaryotic cell according to claim 14, wherein said glycoprotein is a membrane-bound protein or a secretory protein.

16 (new): A eukaryotic cell according to claim 14, wherein said cargo receptor is at least one of VIP36 and ERGIC-53.

17 (new): A plurality of eukaryotic cells according to claim 14, wherein said cells together express a variety of carbohydrate recognition domains of a cargo receptor.

18 (new): A plurality of eukaryotic cells according to claim 17, wherein said plurality is enriched for eukaryotic cells that express glycoprotein characterized by a particular glycoform.

19 (new): A method for producing a glycoprotein, comprising culturing of a eukaryotic cell according to claim 14 and then collecting said glycoprotein from said cell.

20 (new): A method according to claim 19, further comprising cleaving said glycoprotein to release an oligosaccharide.

21 (new): A method for screening for a test substance, comprising bringing said test substance into contact with a eukaryotic cell according to claim 14 and then detecting the presence or absence of an interaction between said test substance and said glycoprotein.